

$XYZ_w = 97.93, 100.0, 118.95$

$L^* = 60 \log[f(Y_{an})]$

$A_2 = 2,5 (a_2 - a_{2,n}) Y$

$B_2 = 2,5 B_c (b_2 - b_{2,n}) Y$

$a_2 = a_{20} [(x - x_c) / y]$

$b_2 = b_{20} [z / y]$

$a_{20} = 1, b_{20} = -0,4$

$x_c = 0,110, B_c = 0,700$

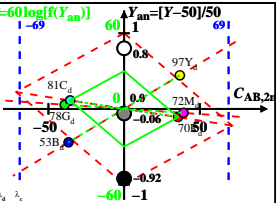
$C_{AB2} = [A_2^2 + B_2^2]^{1/2}$

6 Ostwald-Farben (o)

von maximalem (m)  $C_{AB}$  im  
linearen Farbenraum ( $C_{AB,2r} Y$ )

Lichtart Q00,  $Y_w = 100, Y_n = 50$

Name	Bereich	$X_d$	$Y_d$	$Z_d$	$x_d$	$y_d$	$\lambda_d$	$\lambda_c$
R <sub>d</sub>	567_775	79.52	69.54	59.62	0.381	0.3332	596	487
Y <sub>d</sub>	492_775	87.99	97.23	63.08	0.3543	0.3915	570	462
G <sub>d</sub>	492_567	57.54	77.78	63.06	0.29	0.392	535	535c
C <sub>d</sub>	380_567	67.52	80.6	118.98	0.2527	0.3017	487	596
B <sub>d</sub>	380_492	59.04	52.91	115.52	0.2595	0.2326	462	570
M <sub>d</sub>	567_492	89.5	72.36	115.54	0.3226	0.2608	535c	535
W <sub>d</sub>	380_775	97.93	100.0	118.95	0.309	0.3155	100%	
N <sub>d</sub>	380_775	48.96	50.0	59.47	0.309	0.3155	50%	
Z <sub>d</sub>	380_775	17.62	18.0	21.41	0.309	0.3155	18%	



$f(Y_{an}) = \pm [1 + 10 |Y_{an}|^n]$

$n$  nähert sich 1 für:

1. abnehmendem Kontrast  $C$
2. aneinandergrenzende / separate Farben.

Parameter:  
 $Y$  & Name

Lichtart Q00  
 $Y_w = 100, Y_n = 50$